

因数分解の基本練習

(1) $x^2 - 7x$

(2) $x^2 - 16$

(3) $x^2 + 12x + 36$

(4) $x^2 + 9x + 20$

(5) $8x^2 - 16x$

(6) $x^2 - 81$

(7) $x^2 + 14x + 49$

(8) $x^2 + 12x + 32$

(9) $4y^2 - x^2$

(10) $x^2 + 20x + 36$

(11) $5px - 10py$

(12) $x^2 - 11x + 24$

(13) $x^2 - 10x + 25$

(14) $9xy - 15yz$

(15) $2ax - 4bx - 8x$

(16) $-x^2 + 1$

(17) $x^2 - 10x + 21$

(18) $x^2 - 14x + 48$

(19) $x^2 + x + \frac{1}{4}$

(20) $a^2 + 7a - 18$

(21) $9a^2 - 25$

(22) $a^2 + 5a - 66$

(23) $x^2y - xy^2 + xy$

(24) $x^2 + 13x - 48$

(25) $100x^2 - 81$

(26) $49x^2 + 14x + 1$

(27) $x^2 - 3x - 10$

(28) $x^2 + 9xy + 20y^2$

(29) $\frac{4}{9}x^2 - \frac{9}{25}y^2$

(30) $mx^3 + 2mx^2 - 6mx$

(31) $100x^2 - 20xy + y^2$

(32) $a^2 - 10a - 24$

(33) $x^2 - 0.36$

(34) $x^2 - xy - 20y^2$

(35) $4a^2 + 36a + 81$

(36) $x^2 - 12xy + 32y^2$

(37) $a^2b^2 - c^2$

(38) $9x^2 - 24xy + 16y^2$

(39) $x^2 - x - 72$

(40) $x^2 + 0.8x + 0.16$

(41) $x^2 - 2xy - 8y^2$

(42) $18a^3 - 6a^2 + 24a$

(43) $24a^2b - 16ab^2 - 8ab$

(44) $36x^2 - 60xy + 25y^2$

(45) $0.36x^2 - 9y^2$

(46) $\frac{x^2}{4} - \frac{y^2}{9}$

(47) $64x^2 + 16x + 1$

(48) $a^2 - \frac{1}{16}b^2$

(49) $ab + bc$

(50) $a^2 + 2a + 1$